

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038250.D
 Acq On : 12 Oct 2023 12:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:46:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

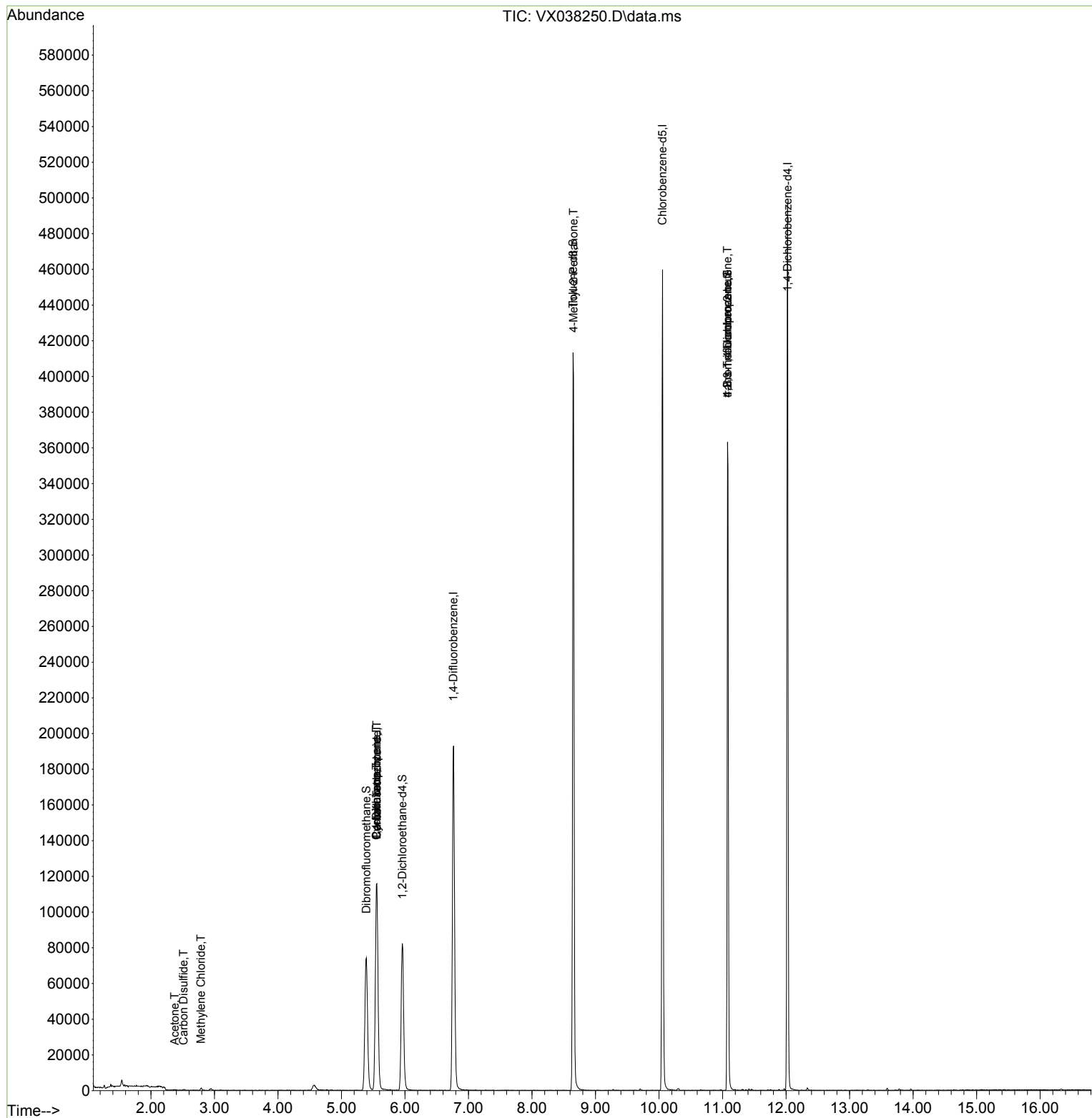
Internal Standards						
1) Pentafluorobenzene	5.556	168	109561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195580	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82354	46.733	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.460%		
35) Dibromofluoromethane	5.391	113	64488	45.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.647	98	250547	46.525	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.060%		
62) 4-Bromofluorobenzene	11.079	95	93706	45.899	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.800%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	58	Below Cal	#	3
6) Chloroethane	1.685	64	98	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	534	Below Cal	#	78
16) Acetone	2.373	43	322	0.438	ug/l #	54
17) Carbon Disulfide	2.514	76	637	0.220	ug/l #	76
20) Methylene Chloride	2.788	84	527	0.381	ug/l #	92
31) Cyclohexane	5.550	56	2730	1.430	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	9471	4.873	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11955	6.253	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1208	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52046	22.673	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52046	64.896	ug/l #	5

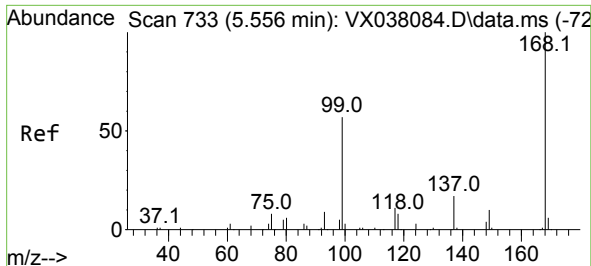
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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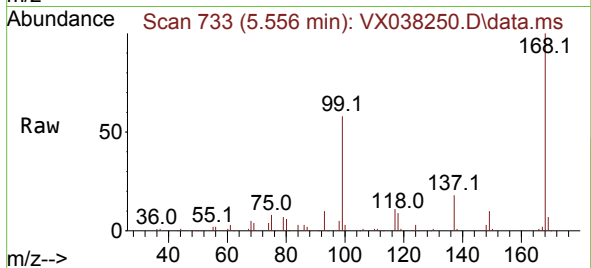
Quant Time: Oct 13 04:46:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



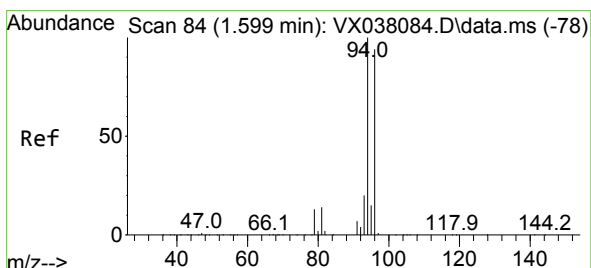
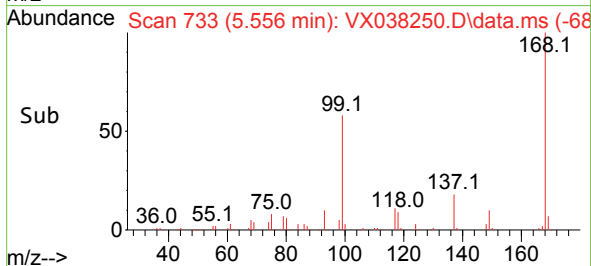
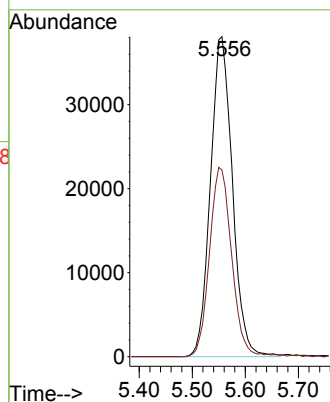


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038250.D
Acq: 12 Oct 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :

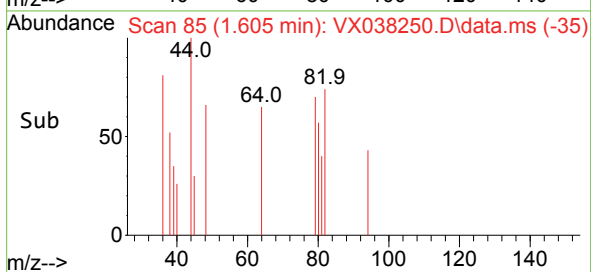
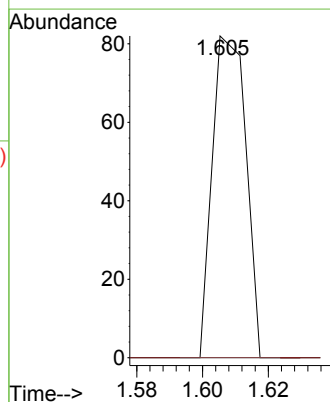
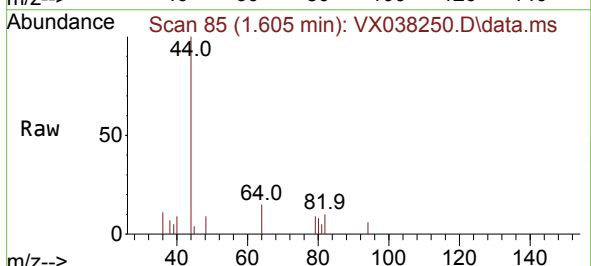


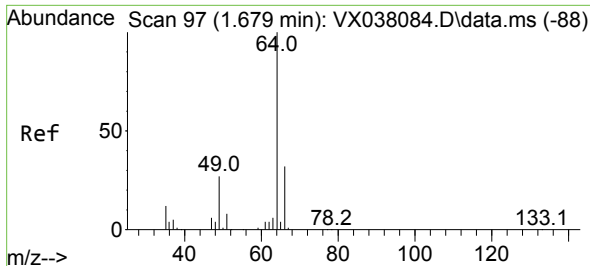
Tgt Ion:168 Resp: 109561
Ion Ratio Lower Upper
168 100
99 58.3 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX038250.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

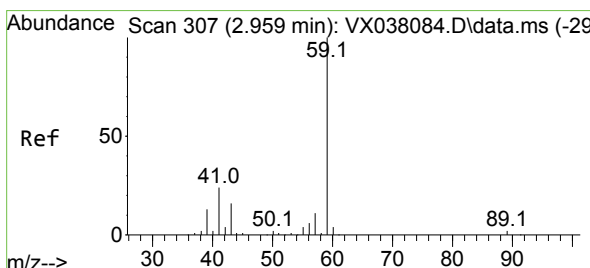
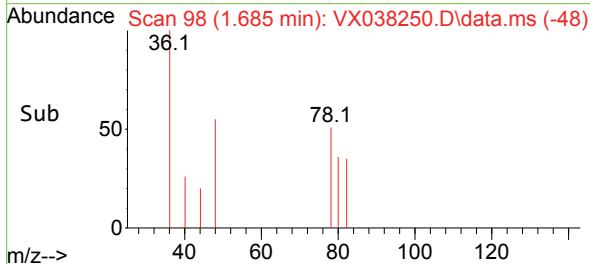
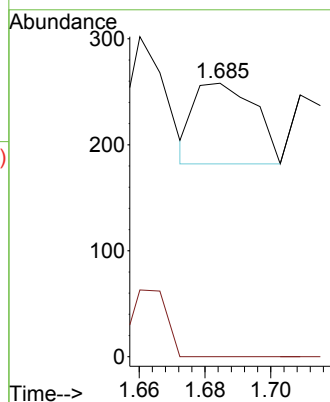
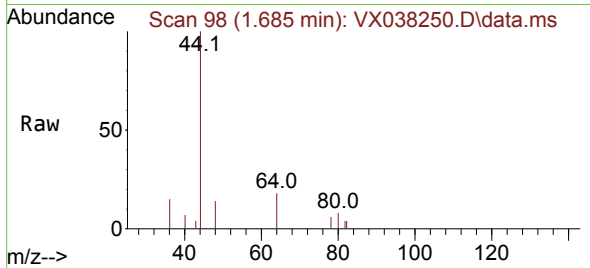




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX038250.D
Acq: 12 Oct 2023 12:38

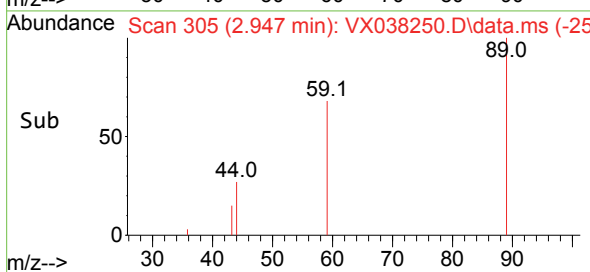
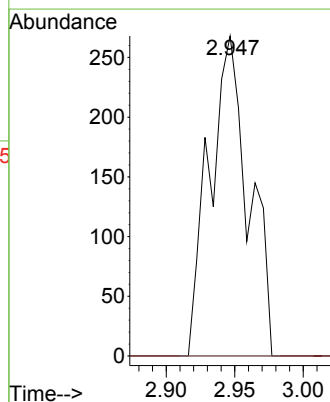
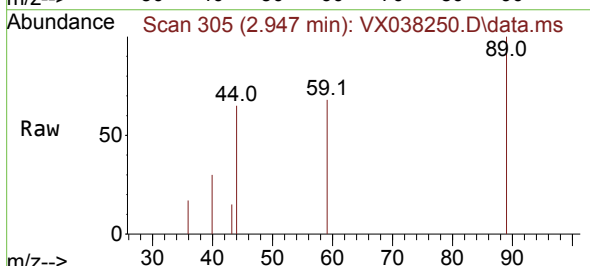
Instrument :
MSVOA_X
ClientSampleId :

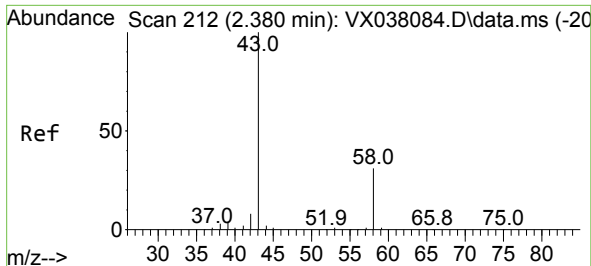
Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038250.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 59 Resp: 534
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.438 ug/l

RT: 2.373 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX038250.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_X

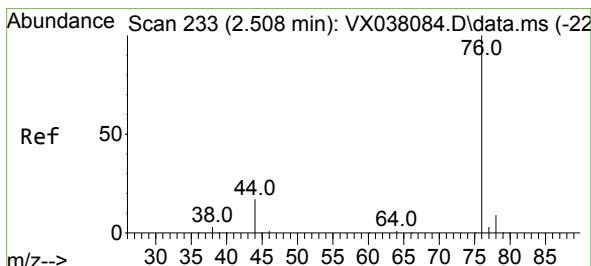
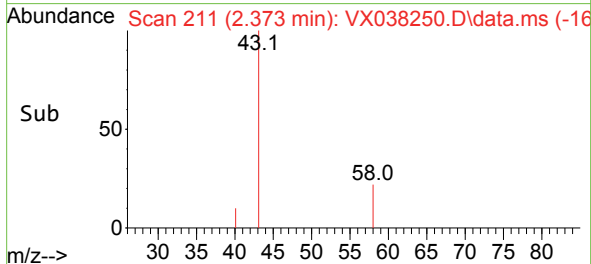
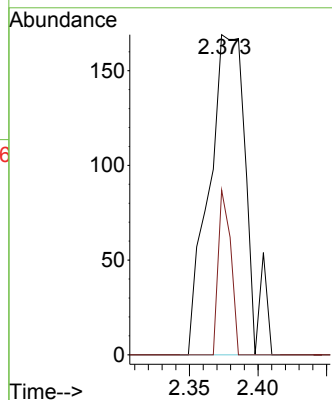
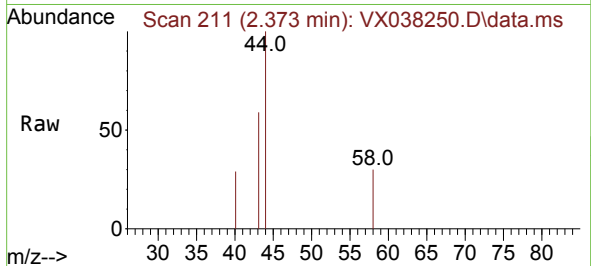
ClientSampleId :

Tgt Ion: 43 Resp: 322

Ion Ratio Lower Upper

43 100

58 51.5 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.006 min

Lab File: VX038250.D

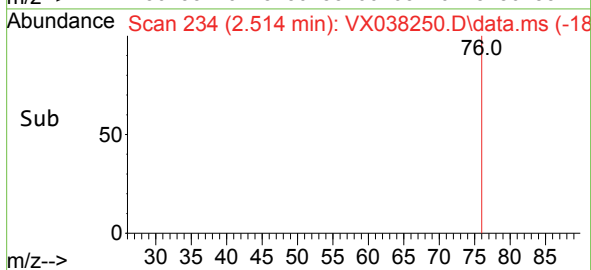
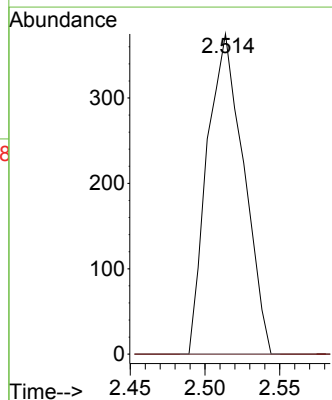
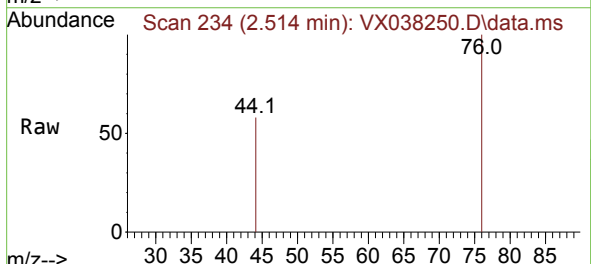
Acq: 12 Oct 2023 12:38

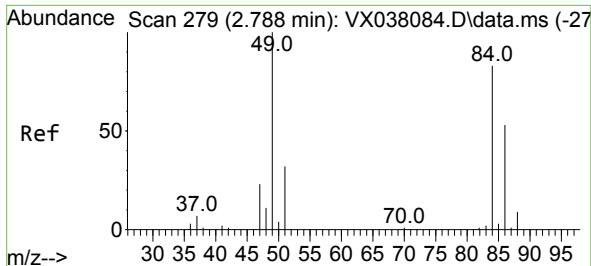
Tgt Ion: 76 Resp: 637

Ion Ratio Lower Upper

76 100

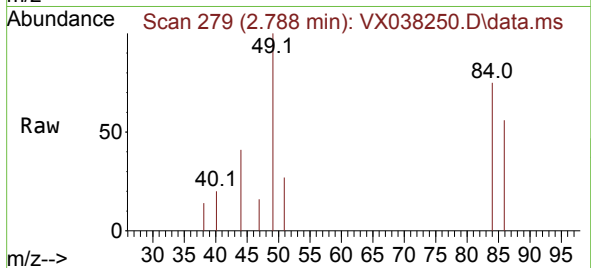
78 0.0 7.0 10.6#





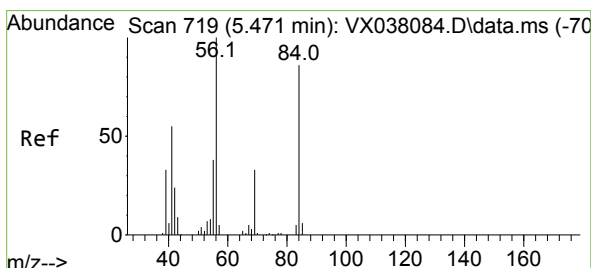
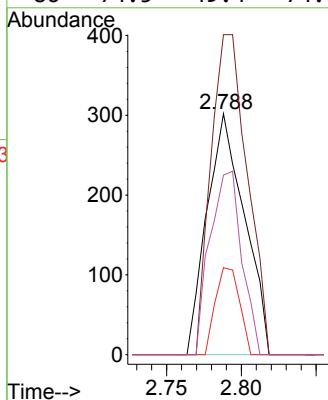
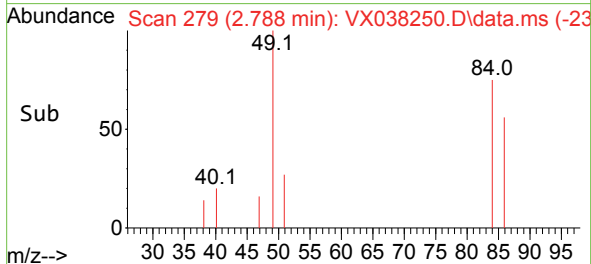
#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038250.D
Acq: 12 Oct 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 527

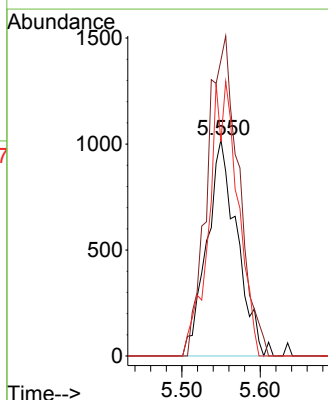
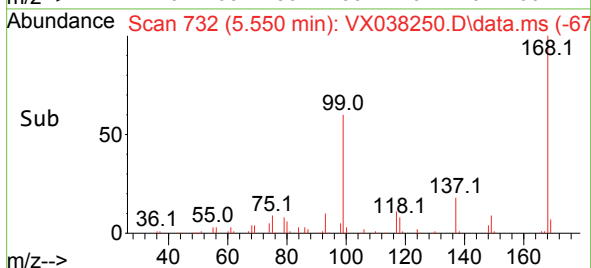
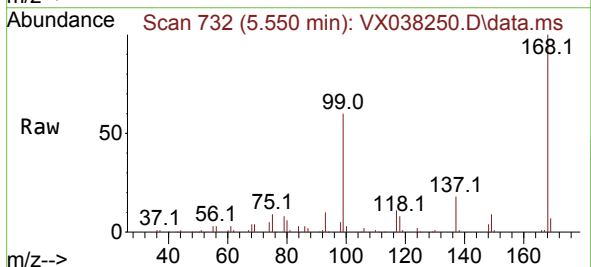
Ion	Ratio	Lower	Upper
84	100		
49	132.8	103.6	155.4
51	36.1	33.8	50.6
86	74.5	49.4	74.0#

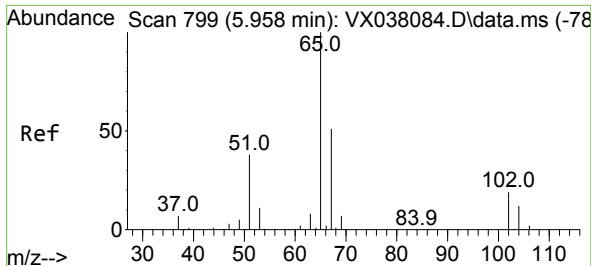


#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038250.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 56 Resp: 2730

Ion	Ratio	Lower	Upper
56	100		
69	136.9	23.4	35.2#
84	99.1	65.9	98.9#

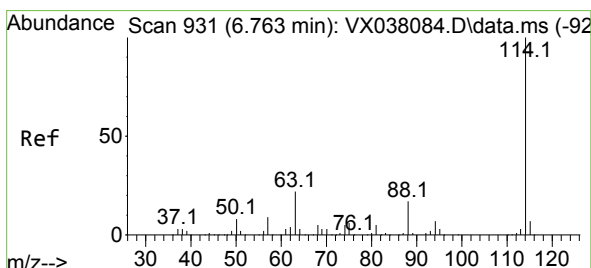
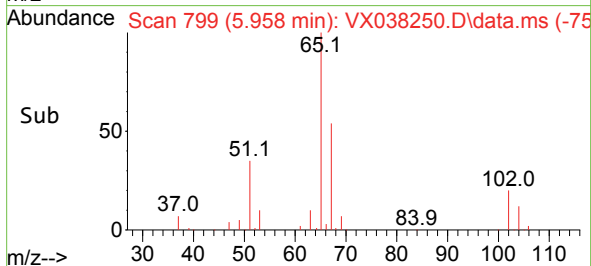
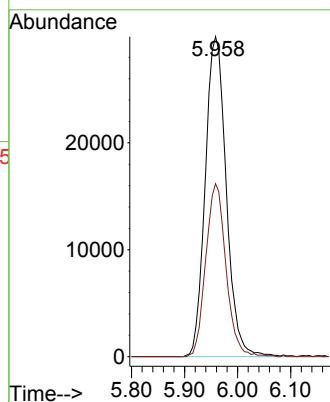
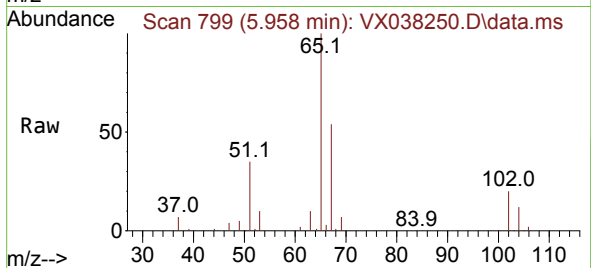




#33
 1,2-Dichloroethane-d4
 Concen: 46.733 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038250.D
 Acq: 12 Oct 2023 12:38

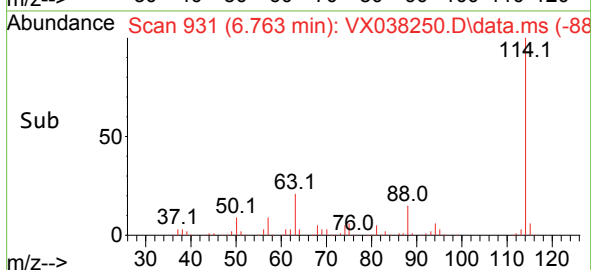
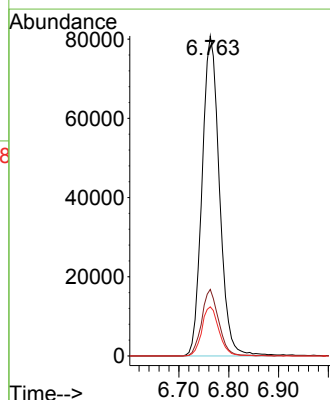
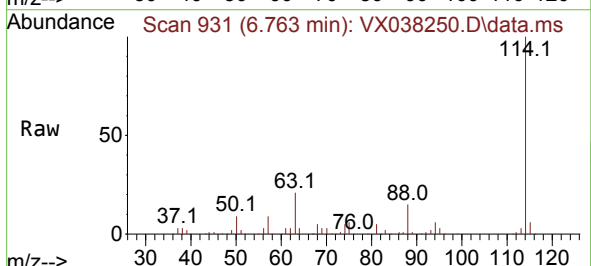
Instrument :
 MSVOA_X
 ClientSampleId :

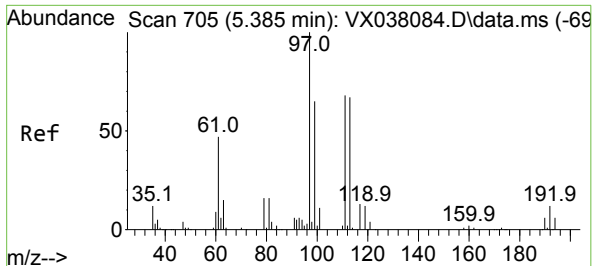
Tgt Ion: 65 Resp: 82354
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038250.D
 Acq: 12 Oct 2023 12:38

Tgt Ion:114 Resp: 195580
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.0
 88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.760 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

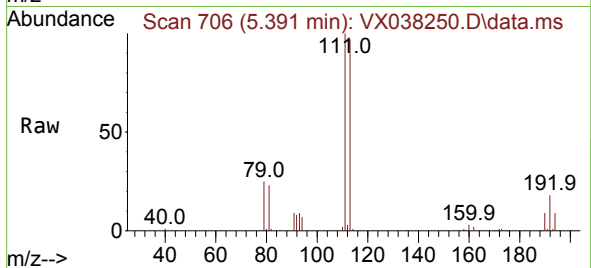
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Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :



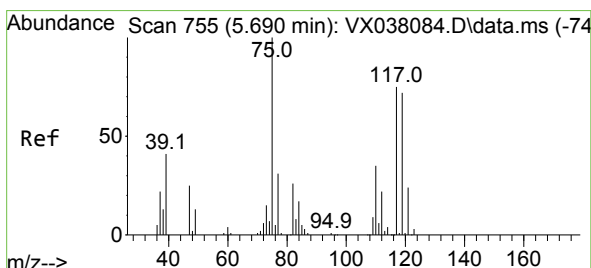
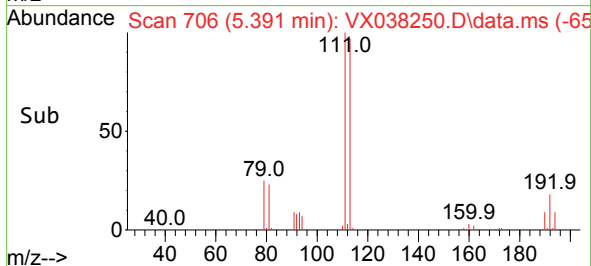
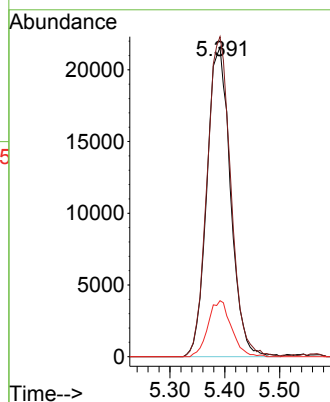
Tgt Ion:113 Resp: 64488

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 17.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.873 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX038250.D

Acq: 12 Oct 2023 12:38

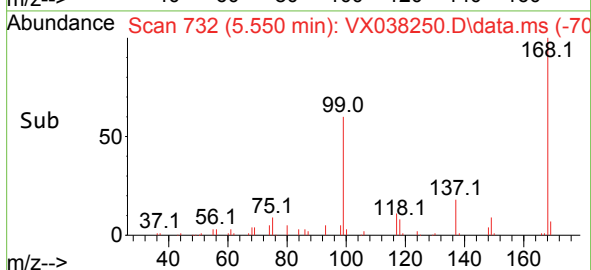
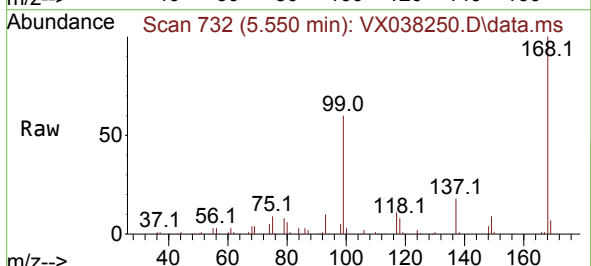
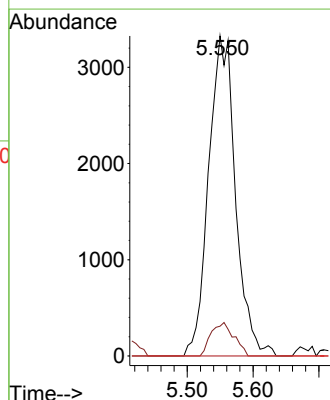
Tgt Ion: 75 Resp: 9471

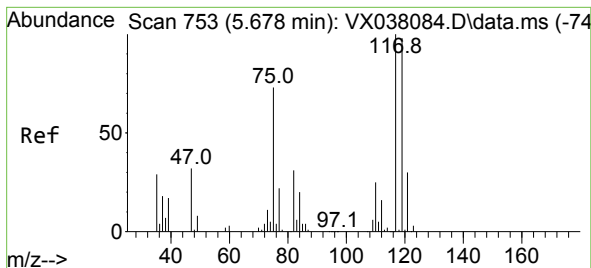
Ion Ratio Lower Upper

75 100

110 8.9 17.0 50.9#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.253 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

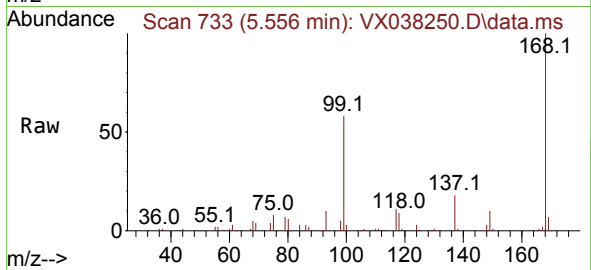
Lab File: VX038250.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :



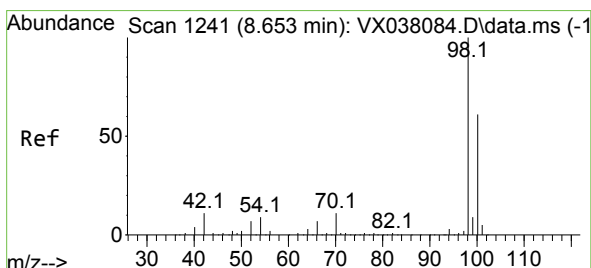
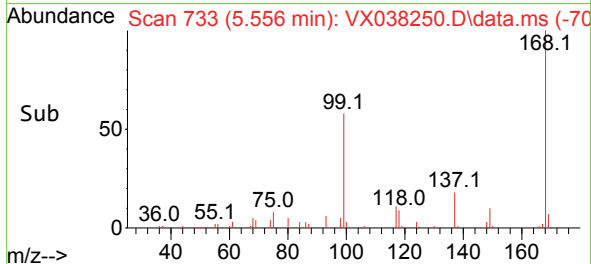
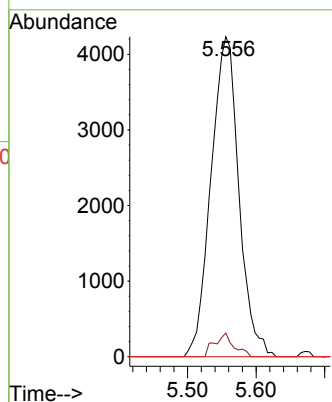
Tgt Ion:117 Resp: 11955

Ion Ratio Lower Upper

117 100

119 7.4 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.525 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038250.D

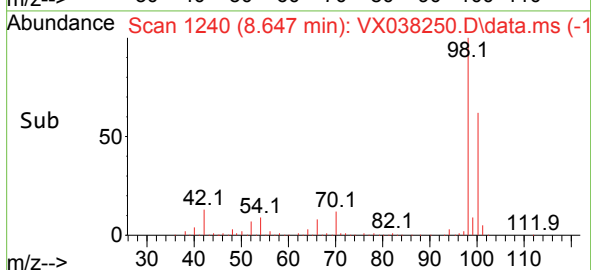
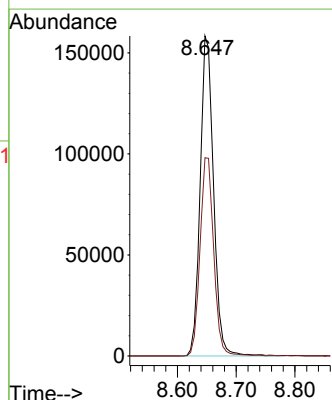
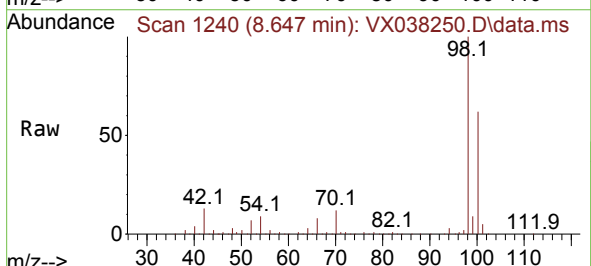
Acq: 12 Oct 2023 12:38

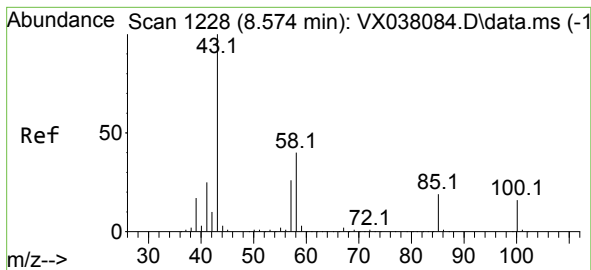
Tgt Ion: 98 Resp: 250547

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

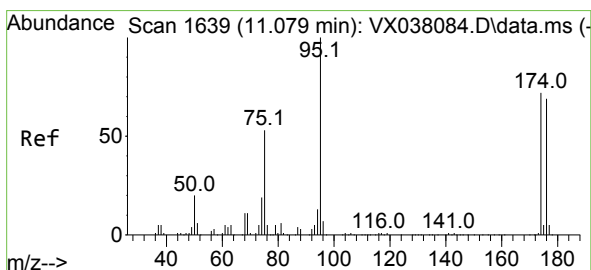
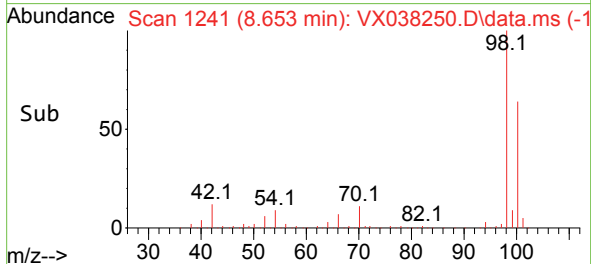
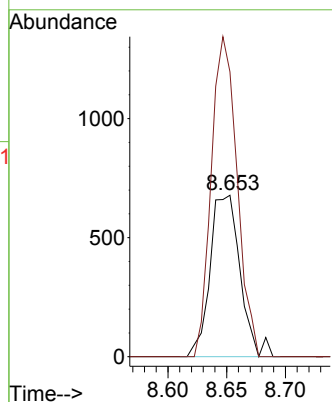
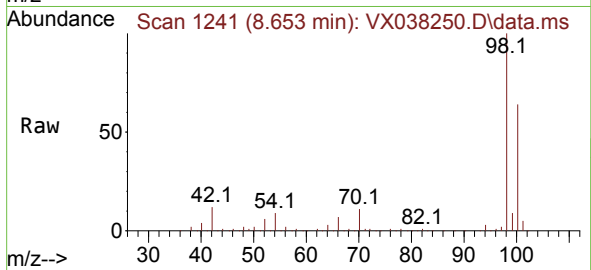




#51
 4-Methyl-2-Pentanone
 Concen: 0.508 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.079 min
 Lab File: VX038250.D
 Acq: 12 Oct 2023 12:38

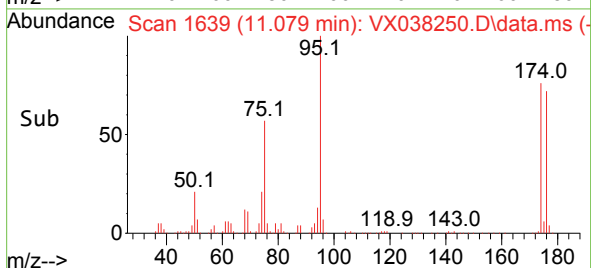
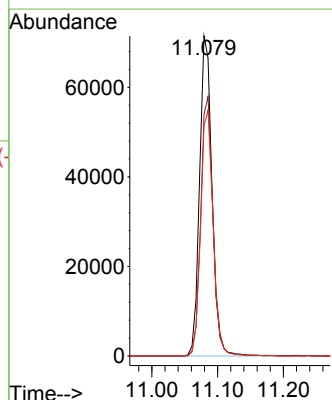
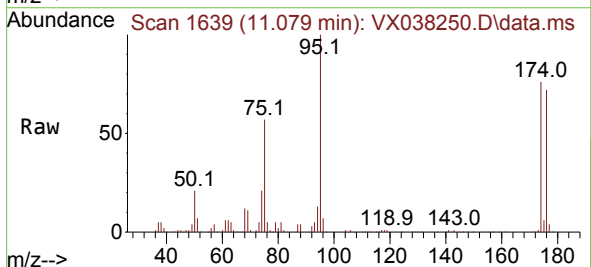
Instrument :
 MSVOA_X
 ClientSampleId :

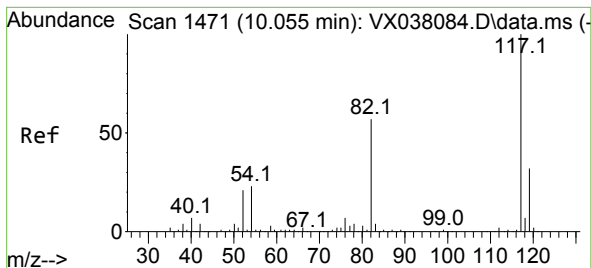
Tgt Ion: 43 Resp: 1208
 Ion Ratio Lower Upper
 43 100
 58 170.0 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 45.899 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX038250.D
 Acq: 12 Oct 2023 12:38

Tgt Ion: 95 Resp: 93706
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 135.6
 176 76.9 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038250.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

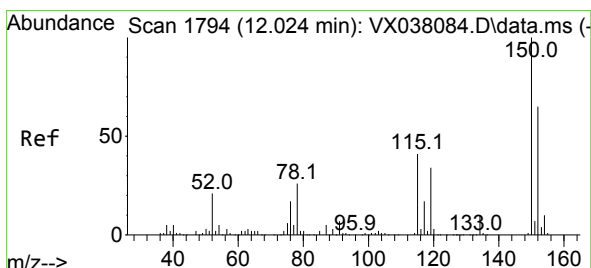
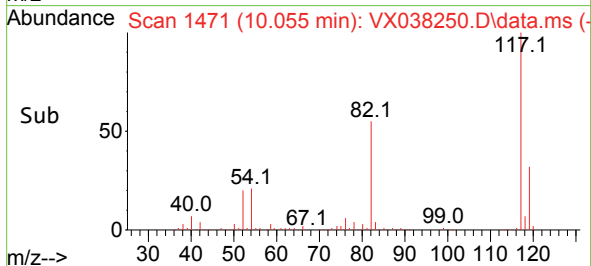
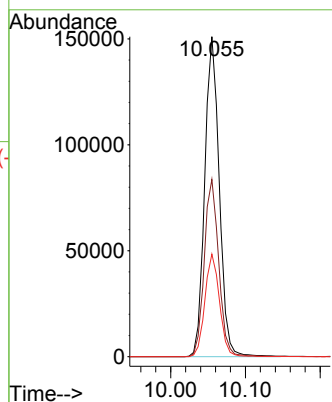
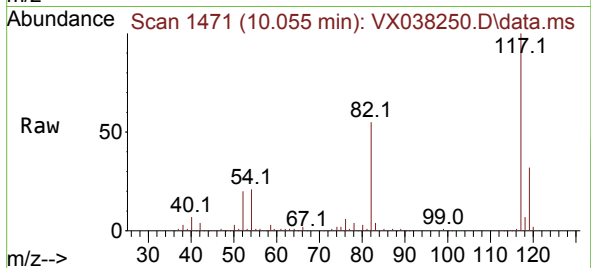
Tgt Ion:117 Resp: 204206

Ion Ratio Lower Upper

117 100

82 55.4 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038250.D

Acq: 12 Oct 2023 12:38

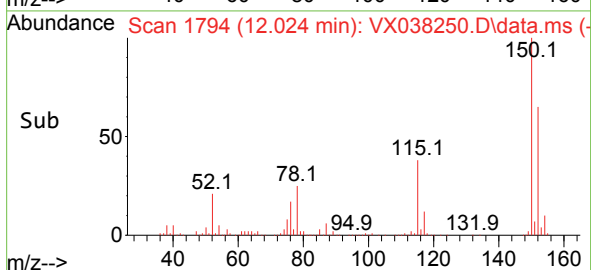
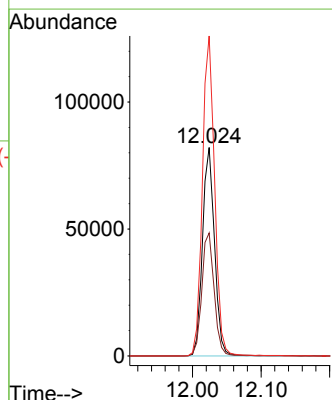
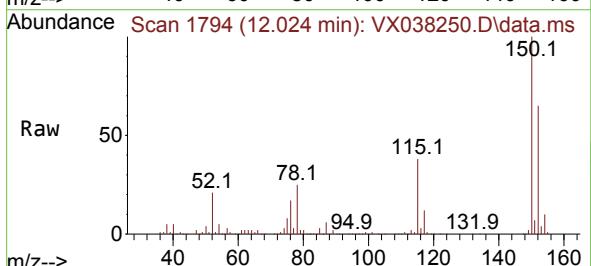
Tgt Ion:152 Resp: 100975

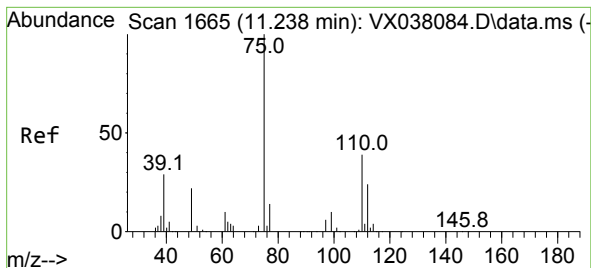
Ion Ratio Lower Upper

152 100

115 60.5 43.3 129.9

150 155.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.673 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038250.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_X

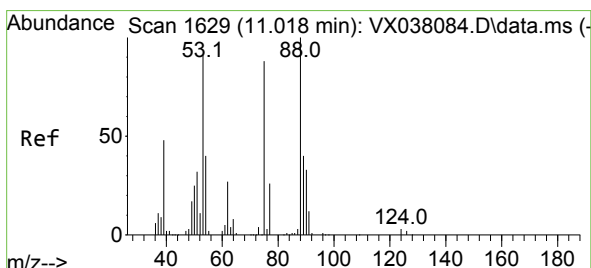
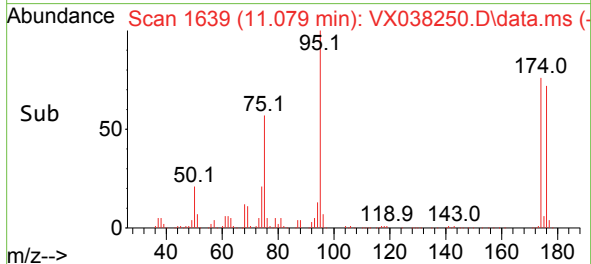
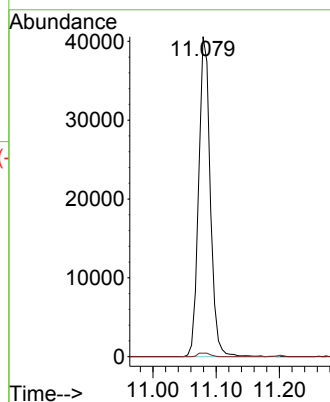
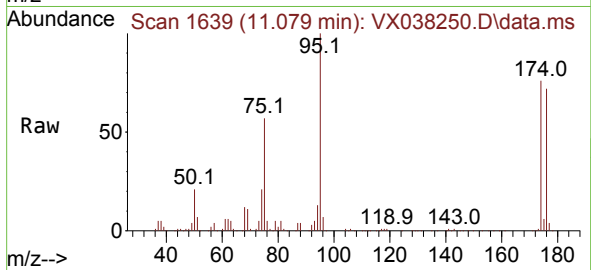
ClientSampleId :

Tgt Ion: 75 Resp: 52046

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.896 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038250.D

Acq: 12 Oct 2023 12:38

Tgt Ion: 75 Resp: 52046

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

